

Buoys and Systems

Instrumented Buoys

Eco EMIS 400

Easy and cheap buoy solution for short monitoring campaign.

- n Compact, lightweight and easy to deploy
- n Remote data system
- n Mooring failure detection / Alarm via SMS
- n Digital field sensors



Eco EMIS 400 : Quick and easy solution for water quality monitoring

The **Eco EMIS 400** has been developed by NEOTEK PONSEL to meet requirements of *in situ* water quality monitoring. The **Eco EMIS 400** is a cost effective solution for short campaigns (from few weeks to several months).

Quick and easy to deploy, the **Eco EMIS 400** can be lifted into place by only one person on bridge pilings or piers.

To save unnecessary trips into field and to reduce operating costs, the **Eco EMIS 400** send data on your computer (remote data system inside) with the WinTEK software.

Economic solution and easy to use

Quick and easy to deploy

Compact (diameter 40 cm) and lightweight (14 Kg), the **Eco EMIS 400** can easily and quickly deployed into place by only one person from shore or small boat.

The **Eco EMIS 400** can be install near the shore thanks to a very low water depth requirement (< 50 cm).

Remote data and alert by SMS

The data from NEOTEK PONSEL digital sensors are save in the LogTEK. The data are available on your computer thanks to a remote data transmission.

Thanks to a mooring failure detector, you will receive a SMS on your mobile phone in case of break or low battery.

Technical features	
Dimensions	Diameter 40 cm
Weight	14 Kg (with datalogger and battery)
Materials	Polyuréthane – shock resistant
Color	Grey
Mooring	Defined by the user – 1 or 3 points
Datalogger	LogTEK. Extractable and can be used allow in field conditions. Memory 65 000 data
Alert via SMS	Mooring break Low batteries
Transmission	GPRS
Batteries	12 V
Operate temperature	- 5°C to + 50°C
Software	WinTEK with the GPRS module
Sensors compatibles	NEOTEK-PONSEL Digital Modbus RS-485 sensors: -pH / - Redox -Turbidity 0-4000 NTU -Dissolved Oxygen (optical technology) -Conductivity/Salinity - Temperature

5 Steps to Deploy the Eco EMIS 400 solution :

1. Activate GPRS account,
2. Install WinTEK software on a computer with internet access,
3. Define the mooring line,
4. Configure the campaign with the WinTEK software,
5. Installation the system into place.

